Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30	single.ab. and PKI.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:26
L2	4	(("6233577") or ("6324645")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 06:19
L3	23	"6233577" "6324645"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:19
L4	1	"6038322".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:23
L5	4	("6038322").URPN.	USPAT	OR	ON	2005/01/28 06:23
L6	1	"6606706".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:24
L7	1	"6594703".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:24
L8	1	"6363154".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:25
L9	1	"6330671".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:25
L10	1	"6038322".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:25
L11	791913	single.ab. or PKI.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:26
L12	106763	(single.ab. and sign$4.ab.) or PKI.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:27
L13	484	PKI.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:27
L14	72	PKI.ab. and digital.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:28

L15	1	"20020069174".PN.	US-PGPUB	OR	ON	2005/01/28 06:30
L16	1	"6330677".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:30
L17	1	"5850442".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:30
L18	1	"5748738".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:31
L19	37	("5748738").URPN.	USPAT	OR	ON	2005/01/28 06:41
L20	1	"20010014868".PN.	US-PGPUB	OR	ON	2005/01/28 06:32
L21	1	"6487557".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:32
L22	1	"6477563".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:32
L23	1	"6405224".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:33
L24	1	"6317718".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:33
L25	1	"6269369".PN.	USPAT; USOCR	OR	ON	2005/01/28 06:33
L26	885	PKI with (system or server or manager or database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:42
L27	353	L26 with (access$5 or enter$5 or utiliz$5 or using or use)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:44
L28	12862	digital with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:44
L29	195	L27 and L28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:44
L30	9832	(private with key$3) and (public with key$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:45
L31	171	L29 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 07:09

L32	4	(("6223291") or ("6131120")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 07:02
L33	41	"6223291" "6131120"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 07:03
L34	2	("6308277").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 07:11
L35	5	"6308277"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 07:11
S1	5	"JP 11110451" OR "JP 06096089" or "JP 06119309" or "JP 04247567" or "WO 00/23929"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:42
S2	20	(("5319542") or ("5446890") or ("5710887") or ("5712985") or ("5758327") or ("5842178") or ("5923552") or ("5978811") or ("6035289") or ("6055519")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/18 08:27
S3	535	"5319542" "5446890" "5710887" "5712985" "5758327" "5842178" "5923552" "5978811" "6035289" "6055519"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 09:53
S4	158	380/239.ccls. and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:23
S5	252	"X.509" and PKI and "public key infrastructure"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:13
S6	9754096	single or one or once or only	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:27

S7	11724	"sign-on" or "sign on" or signon orlogin or "log in" or "log-in" or logon or "log-on" or "log on"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:19
S8	1385810	certificat$ or token or smartcard or "smart card" or (smart with card) or signature or magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:20
S9	20294	PKI or (public with key) or (private with key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:20
S10	1078921	digital	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:20
S11	454424	authenticat$ or verify$ or valid$6 or acknowledge$ or vouch$ or authoriz$5 or authorit$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:21
S12	7893557	identify or identity or ID or name or number or code or account	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:22
S13	3982874	user or person or client or employee or worker or agent or vendor or company or distributor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:22
S14	6302224	transmit$ or transfer$ or send$5 or signal$5 or email$5 or mail$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:23
S15	5889944	home or base or known or computer or PDA or PDU	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:27
S16	3118	(single or one or once or only) with ("sign-on" or "sign on" or signon orlogin or "log in" or "log-in" or logon or "log-on" or "log on")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:28

S17	1180047	address$ or account$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:28
S18	3	((single or one or once or only) with ("sign-on" or "sign on" or signon orlogin or "log in" or "log-in" or logon or "log-on" or "log on")) and (("X.509" and PKI and "public key infrastructure") and @ad<"20000901")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 15:28
S19	1	"6438550".URPN.	USPAT	OR	ON	2004/08/18 15:29
S20	1	"6233729".PN.	USPAT	OR	OFF	2004/08/18 15:30
S21	1	"6247024".PN.	USPAT	OR	OFF	2004/08/18 15:31
S22	1	"6185574".PN.	USPAT	OR	OFF	2004/08/18 15:31
S23	1	"6119118".PN.	USPAT	OR	OFF	2004/08/18 15:32
S24	1	"6029175".PN.	USPAT	OR	OFF	2004/08/18 15:32
S25	1	"6023706".PN.	USPAT	OR	OFF	2004/08/18 15:32
S26	37	("X.509" and PKI and "public key infrastructure") and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 07:22
S27	2	("6128738").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 07:22
S28	3	"6128738".URPN.	USPAT	OR	ON	2004/08/19 07:23
S29	527	"single sign-on"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 08:16
S30	4199	(email or mail) with password	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:28
S31	160	"single sign-on" and ((email or mail) with password)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 08:16

S32	34	("single sign-on" and ((email or mail) with password)) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:30
S33	0	"6553493".URPN.	USPAT	OR	ON	2004/08/19 09:26
S34	2	("6553493").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 09:26
S35	1	"5825880".PN.	USPAT	OR	OFF	2004/08/19 09:26
S36	17	"5825880".URPN.	USPAT	OR	ON	2004/08/19 09:27
S37	15	"5825880".URPN. and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:27
S38	0	("5825880".URPN. and @ad<"20000901") and ((email or mail) with password)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:28
S39	9748	(email or mail) with (password or certificate or PIN or key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 10:10
S40	2	("5825880".URPN. and @ad<"20000901") and ((email or mail) with (password or certificate or PIN or key))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:29
S41	174	"single sign-on" and ((email or mail) with (password or certificate or PIN or key))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:37
S42	35	("single sign-on" and ((email or mail) with (password or certificate or PIN or key))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:37
S43	15	"5768504".URPN.	USPAT	OR	ON	2004/08/19 09:36
S44	15	"5768504".URPN.	USPAT	OR	ON	2004/08/19 09:37

S45	15	"5768504".URPN. and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:37
S46	1	("5768504".URPN. and @ad<"20000901") and ((email or mail) with (password or certificate or PIN or key))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 09:38
S47	2	"6505238".URPN.	USPAT	OR	ON	2004/08/19 10:07
S48	8358	password with (mail$ or email$ or address$ or URL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 10:59
S49	11258	"single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:26
S50	33615	"X.509" or PKI or "public key" or "private key" or (key with pair)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:01
S51	207	(password with (mail$ or email$ or address$ or URL)) and ("single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:01
S52	66	((password with (mail$ or email$ or address$ or URL)) and ("single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:01
S53	17433	password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:00

S54	339	(password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:27
S55	112	((password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:28
S56	774	"X.509" and certificate and "public key" and "private key"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:02
S57	8	(((password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (singe with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901") and ("X. 509" and certificate and "public key" and "private key")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:28
S58	2	("6128738").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 11:10
S59	15	"6275941".URPN.	USPAT	OR	ON	2004/08/19 11:13
S60	14	"6275941".URPN. and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:14
S61	5	("6275941".URPN. and @ad<"20000901") and (password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:15
S62	1	"5610981".PN.	USPAT	OR	OFF	2004/08/19 13:24
S63	1	"5774551".PN.	USPAT	OR	OFF	2004/08/19 13:25

S64	255415	creat$5 with "single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:27
S65	255415	"single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:12
S66	721	(password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:28
S67	260	((password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:58
S68	11	(((password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901") and ("X.509" and certificate and "public key" and "private key")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:31
S69	127949	user with (address or location)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:32

S70	8	(((((password with (mail$ or email$ or address$ or URL or sent$5 or messag$5 or transmit$5 or transfer$5)) and ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) and ("X.509" or PKI or "public key" or "private key" or (key with pair))) and @ad<"20000901") and ("X. 509" and certificate and "public key" and "private key")) and (user with (address or location))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:57
S71	692	(home or personal) with address with (password)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 13:57
S72	153	((home or personal) with address with (password)) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:01
S73	22	(((home or personal) with address with (password)) and @ad<"20000901") and ("X.509" or PKI or "public key" or "private key" or (key with pair))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:01
S74	7164947	creat$5 or make or making or assign$ or provid$5 or give or giving	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:11
S75	255415	"single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:12
S76	37416	"X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:47
S77	2585	digital with sign$6 with certif$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:46
S78	5336809	deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:16

S79	51523	password	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:16
S80	4231409	home or profile or known or permanent or local or business or box	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:18
S81	3677464	address or location or space or office	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:18
S82	52	(creat$5 or make or making or assign$ or provid$5 or give or giving) with ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:22
S83	432	(deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) with password with (home or profile or known or permanent or local or business or box) with (address or location or space or office)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:48
S84	1	(digital with sign$6 with certif$6) and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))) and ((deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) with password with (home or profile or known or permanent or local or business or box) with (address or location or space or office))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:22
S85	6625	(creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:22

S86	4	(digital with sign$6 with certif$6) and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))) and ((deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) with password with (home or profile or known or permanent or local or business or box) with (address or location or space or office))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:22
S87	0	((digital with sign$6 with certif$6) and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))) and ((deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) with password with (home or profile or known or permanent or local or business or box) with (address or location or space or office))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:46
S88	20	((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("single sign-on" or (single with (sign$5 or log$5)) or (universal with (sign$5 or log$5))) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:38
S89	2	"6341349".URPN.	USPAT	OR	ON	2004/08/19 14:44
S90	2140	("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:46
S91	750	(("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:48

S92	0	((("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901") and ((deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) with password with (home or profile or known or permanent or local or business or box) with (address or location or space or office))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:47
S93	441	((("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901") and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:47
S94	3607	"X.509" or PKI or "public key infrastructure"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:47
S95	168	("X.509" or PKI or "public key infrastructure") and (((("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901") and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:48
S96	114	(("X.509" or PKI or "public key infrastructure") and (((("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901") and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))))) and @ad>"19970901"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:48

S97	30939	(deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) and password and (home or profile or known or permanent or local or business or box) and (address or location or space or office)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:49
S98	56	(((("X.509" or PKI or "public key infrastructure") and (((("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair))) and (digital with sign$6 with certif$6)) and @ad<"20000901") and ((creat$5 or make or making or assign$ or provid$5 or give or giving) with ("X.509" or PKI or "public key infrastructure" or (key with (public or private or pair)))))) and @ad>"19970901") and ((deliver$5 or send$5 or mail$5 or fax$5 or fedex$5 or carrier$5 or UPS or courier) and password and (home or profile or known or permanent or local or business or box) and (address or location or space or office))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 14:50
S99	2	("6668322").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/20 08:30
S100	1	(("6668322").PN.) and (private with public with key with certif$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 08:32
S101	1	(("6668322").PN.) and ((private with public with key) same certif$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 08:33
S102	1	(("6668322").PN.) and ((private with public with key) and certif$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 08:45
S103	1	(("6668322").PN.) and (digital with encrypt$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 08:46

S10 4	1	(("6668322").PN.) and (digital same encrypt$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 08:49
S10 5	1	(("6668322").PN.) and ("digital certificate" or encrypt$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:01
S10 6	1	(("6668322").PN.) and (digital or encrypt$ or sign$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:06
S10 7	2	(("6668322").PN.) and (hardware or token or card or smartcard or storage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:11
S10 8	0	(("6668322").PN.) and (((foreign or different or external or remote) with (network or computer)) with (domain or certificate or credential or authority or sign$6 or digital))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:15
S10 9	0	(("6668322").PN.) and (((foreign$ or differ$6 or external$ or remot$6) with (system or network or computer)) with (domain or certificate or credential or authority or sign$6 or digital))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:16
S11 0	2	(("6668322").PN.) and (((foreign$ or differ$6 or external$ or remot$6) with (system or network or computer)) or (domain or certificate or credential or authority or sign$6 or digital))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:26
S11 1	1	(("6668322").PN.) and ((foreign$ or differ$6 or external$ or remot$6 or resourc$) same domain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 09:27
S13 3	791459	single.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:43
S13 4	40282	single with (signon or signin or "sign-on" or "sign-in" or (sign$3 with ("in" or "on")) or login or logon or (log with ("in" or "on")) or "log-in")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:46

S13 5	23044	PKI or (public with key$3 with infrastruct$3) or (public with key$3) or (private with key$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:48
S13 6	12862	digital with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:48
S13 7	8076855	access$3 or use or using or utiliz$3 or enter$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:48
S13 8	1201702	verify$5 or identif$3 or validat$3 or certif$3 or author$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:51
S13 9	3327	(client or subject or person or connection or caller or user or system or module or computer) with (signal$3 or generat$3 or task$3 or order$3) with (public with key$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:54
S14 0	19	S133 and S134 and S135 and S136 and S137 and S138 and S139	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 18:02
S14 1	4	"6668322"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/27 17:55
S14 2	2	single.ab. and (PKI.ab. or (public. ab. and key.ab. and infrastructure. ab.)) and (private with public with key) and certificate and (digital with signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 06:10